## The telephone plug and jack with transmission various signals ABSTRACT

The telephone plug and jack with transmission various signals, which involves the telephone plug, the telephone jack, and the connecting cable. The telephone jack/( or plug) is installing on the wall of the room or of the office; and the cable, which is connected with jack/( or plug), is connecting with the local telephone networking, this device is using as the client input terminal ( access point ) of the local telephone networking. It will be input and transmission with various signals at same time, such as audio signal, television signal, video signal, multimedia signal, the various analogue signals and digital signals.

This device is a electric product. The telephone plug and jack are made up of plastic, and it's connecting cable is consisted of the twisted – pair cable, the shielded coaxial cable and the fibre – optic cable.

Figure is the new improved telephone plug, the telephone jack and the connecting cable. In this figure includes: the plug is viewing from top to down (7), the jack is viewing from front (8), the plug is viewing from left to right (9), the plug is viewing from bottom to up (10), and the connecting cable consists of the twisted – pair cable and the pair shielded coaxial cable (11).